

WPX Energy Rocky Mountain LLC-EBUS

RGU 333-26-198

Cyclone 29

Post Job Summary

Cement Production Casing

Date Prepared: 01/09/2015

Job Date: 01/04/2015

Submitted by: Keven Nye – Grand Junction Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 3124461	Quote #: 0021978804	Sales Order #: 0901980714
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Rick Mortimer	
Well Name: FEDERAL	Well #: RGU 333-26-198	API/UWI #: 05-103-11988-00	
Field: SULPHUR CREEK	City (SAP): MEEKER	County/Parish: RIO BLANCO	State: COLORADO
Legal Description: 26-1S-98W-2455FNL-914FEL			
Contractor: CYCLONE		Rig/Platform Name/Num: CYCLONE 29	
Job BOM: 7523			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB50180		Srcv Supervisor: Javier Castillo	

Job

Formation Name			
Formation Depth (MD)	Top		Bottom 12639ft
Form Type	BHST		
Job depth MD	12639ft	Job Depth TVD	
Water Depth			Wk Ht Above Floor 3ft
Perforation Depth (MD)	From		To

Well Data

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing	NEW	9.625	8.921	36			0	4065		0
Casing	NEW	4.5	4	11.6			0	12639		0
Open Hole Section			8.75				3934	8632		0
Open Hole Section			7.875				9000	12639		0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
					Top Plug	4.5	1	HES
Float Shoe	4.5	1	WTF	12639				
Float Collar	4.5	1	WTF	12610.18				
					Plug Container	4.5	1	HES
					Centralizers	4.5		

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty

Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Fresh Water	Fresh Water	100	bbl	8.3			6		

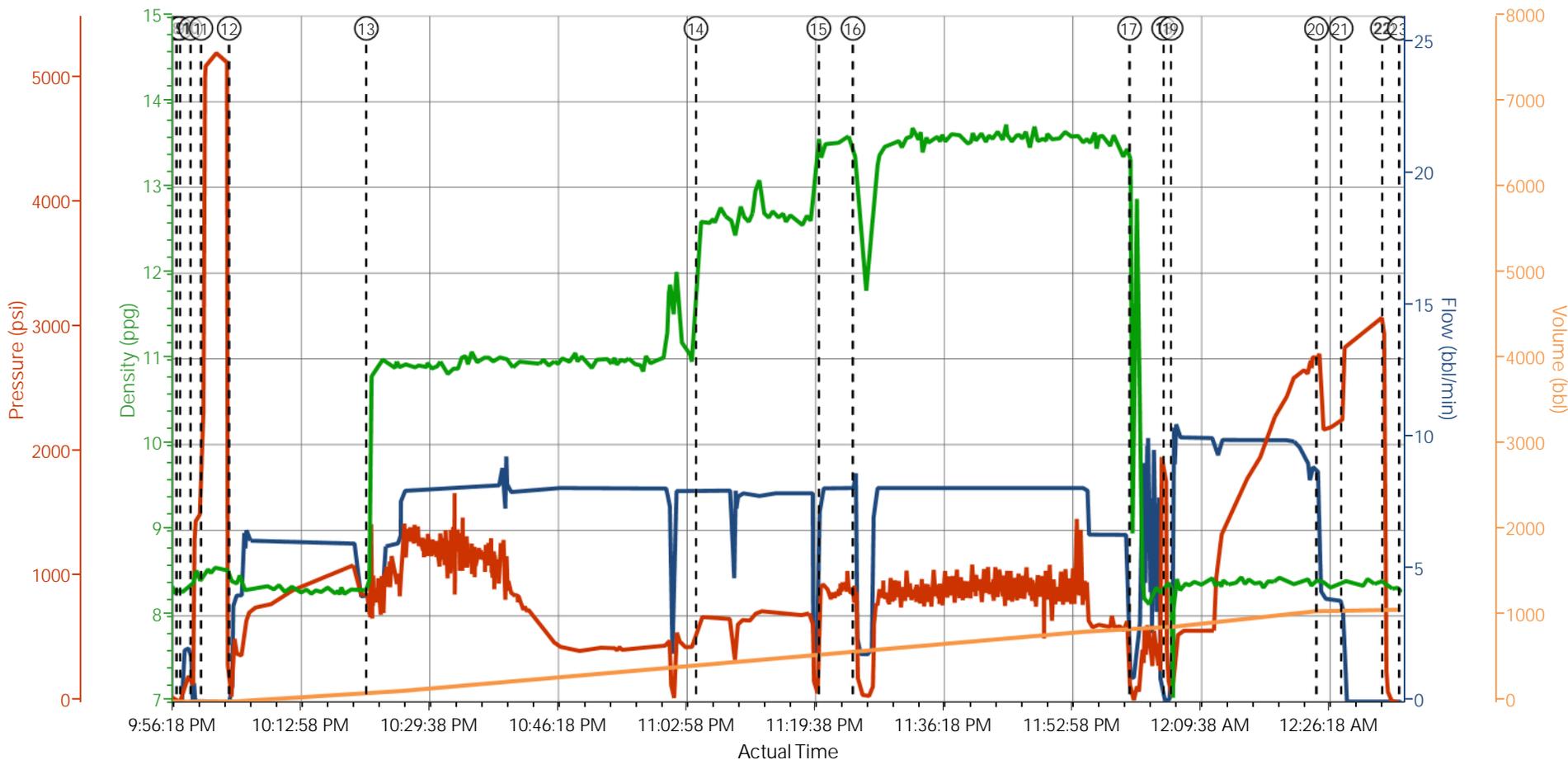
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
2	ExtendaCem GJ1	EXTENDACEM (TM) SYSTEM	620	sack	11	2.75		8	16.08	
16.21 Gal		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
3	EconoCem GJ1	ECONOCEM (TM) SYSTEM	365	sack	12.7	1.91		8	10.07	
10.25 Gal		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
4	ThermaCem GJ1	THERMACEM (TM) SYSTEM	965	sack	13.5	1.75		8	8.23	
8.32 Gal		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
5	Displacement	Displacement	196	bbl	8.34			10		
Cement Left In Pipe		Amount	28.82 ft		Reason			Shoe Joint		
Comment										

1.1 Job Event Log

Graph Label	Date	Time	Downhole Density	Combined Pump Rate	Pump Pressure	Combined Pump Total	Comment
CALL OUT	1/4/2015	10:00:00					ON LOCATION AT 17:00 HRS
DEPART YARD SAFETY MEETING	1/4/2015	12:20:00					
CREW LEAVE THE YARD	1/4/2015	12:30:00					
ARRIVE ON LOCATION	1/4/2015	16:00:00					RIG WAS STILL RUNNING CASING. LANDED CASING AT 18:40 HRS
STAGE TRUCKS	1/4/2015	16:15:00					
RIG UP SAFETY MEETING	1/4/2015	16:25:00					
RIG UP	1/4/2015	16:30:00					1-ELITE, 2-660s, 2-SILOS, 2" PUMPING IRON, BALE BASKET, PLUG CONTAINER AND QUICK CONNECT
START JOB	1/4/2015	21:57:20					DEPTH-12639", OH-8.75" 4065" TO 8632", 8.5" 8632' TO 10719', 7.875" 10719' TO 12639', SJ-28.82', FC-12610.18, CSG-4.5", 11.6#, P-110, MUD-9.7 PPG, FV-74, PV-14, YP-47, Ph-8.6
FILL LINES	1/4/2015	21:57:48	8.33 PPG	2 BPM	219 PSI	2 BBLS	FRESH WATER
STALL OUT	1/4/2015	21:59:09					TESTED AT 1500 PSI
TEST LINES	1/4/2015	22:00:30					TESTED AT 5200 PSI
WATER SPACER	1/4/2015	22:04:09	8.33 PPG	6 BPM	869 PSI	100 BBLS	FRESH WATER. LAST 50 BBLS PSI DROPPED TO 400 PSI
SCAVENGER CEMENT	1/4/2015	22:21:56	11.0 PPG	8 BPM	870 PSI	304 BBLS	620 SKS, 11.0 PPG, 2.75 FT3/SK, 16.07 GAL/SK
LEAD CEMENT	1/4/2015	23:04:39	12.7 PPG	8 BPM	860 PSI	124 BBLS	365 SKS, 12.7 PPG, 1.91 FT3/SK, 8.23 GAL/SK
TAIL CEMENT	1/4/2015	23:19:49	13.5 PPG	8 BPM	918 PSI	300 BBLS	965 SKS, 13.5 PPG, 1.75 FT3/SK, 8.23 GAL/SK

SHUTDOWN	1/4/2015	23:25:00						POOR CEMENT DELIVERY
SHUTDOWN	1/5/2015	00:00:50						HAD PARTIAL RETURNS THROUGH OUT THE CEMENT JOB
DROP TOP PLUG	1/5/2015	00:05:15						PLUG DROP VERIFIED BY THE COMPANY-MAN AND DRILLER
DISPLACEMENT	1/5/2015	00:06:13	8.4 PPG	10 BPM	1800 PSI	186 BBLS		KCL + 3-LBS BE-G, 1-GAL MMCR, LOST RETURNS AT THE BEGINING OF DISPLACEMENT AND NEVER RECOVERED THEM
SLOW RATE	1/5/2015	00:25:03	8.4 PPG	4 BPM	2261 PSI	10 BBLS		
BUMP PLUG	1/5/2015	00:28:15			3057 PSI	TOTAL DISP. 196 BBLS		DID NOT HAVE RETURNS THROUGH OUT THE ENTIRE DISPLACEMENT
CHECK FLOATS	1/5/2015	00:33:36						FLOATS HELD WITH 2.5 BBLS FLOW BACK
END JOB	1/5/2015	00:35:48						
RIG DOWN SAFETY MEETING	1/5/2015	00:45:00						
RIG DOWN	1/5/2015	01:00:00						BLOW DOWN SILOS, WASH UP AND BLOW DOWN CEMENT PUMP
RIG DOWN COMPLETE	1/5/2015	02:30:00						
DEPART LOCATION SAFETY MEETING	1/5/2015	02:45:00						NO INJURIES TO REPORT AFTER THE JOB
CREW LEAVE LOCATION	1/5/2015	03:00:00						
THANK YOU	1/5/2015	03:01:00						THANK YOU FOR YOUR BUSINESS FROM JAVIER CASTILLO AND CREW

WPX ENERGY RGU 333-26-198 PRODUCTION



— DH Density (ppg)
 — Comb Pump Rate (bbl/min)
 — DS Pump Press (psi)
 — Comb Pump Total (bbl)

- | | | | | |
|---|--|--|---|-------------|
| • CALL OUT n/a;n/a;n/a;n/a | • RIG UP SAFETY MEETING n/a;n/a;n/a;n/a | • TEST LINES 8.51;0;4990;2.1 | • SHUTDOWN 13.02;8.3;850;590.1 | 21 BUMP PLI |
| • DEPART YARD SAFETY MEETING n/a;n/a;n/a;n/a | • RIG UP n/a;n/a;n/a;n/a | • WATER SPACER 8.41;3.5;50;2.3 | • SHUTDOWN 9.95;0.9;6;853.9 | 22 CHECK FL |
| • CREW LEAVE THE YARD n/a;n/a;n/a;n/a | • START JOB 8.33;0;-10;0 | • SCAVENGER CEMENT 10.67;4.1;817;103.6 | • DROPTOP PLUG 8.39;0;239;872.9 | 23 END JOB |
| • ARRIVE ON LOCATION n/a;n/a;n/a;n/a | • FILL LINES 8.29;2;112;0.2 | • LEAD CEMENT 12.51;8;666;433.4 | • DISPLACEMENT 8.35;9.4;406;875.9 | 24 RIG DOWI |
| • STAGE TRUCKS n/a;n/a;n/a;n/a | • STALL OUT 8.42;0;1278;2.1 | • TAIL CEMENT 13.53;8.1;949;554.1 | 20 SLOW RATE 8.41;4.3;2186;1060.1 | 25 RIG DOWI |

HALLIBURTON | iCem® Service

Created: 2015-01-04 21:52:00, Version: 3.0.121

Edit

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date: 1/4/2015 9:52:31 PM

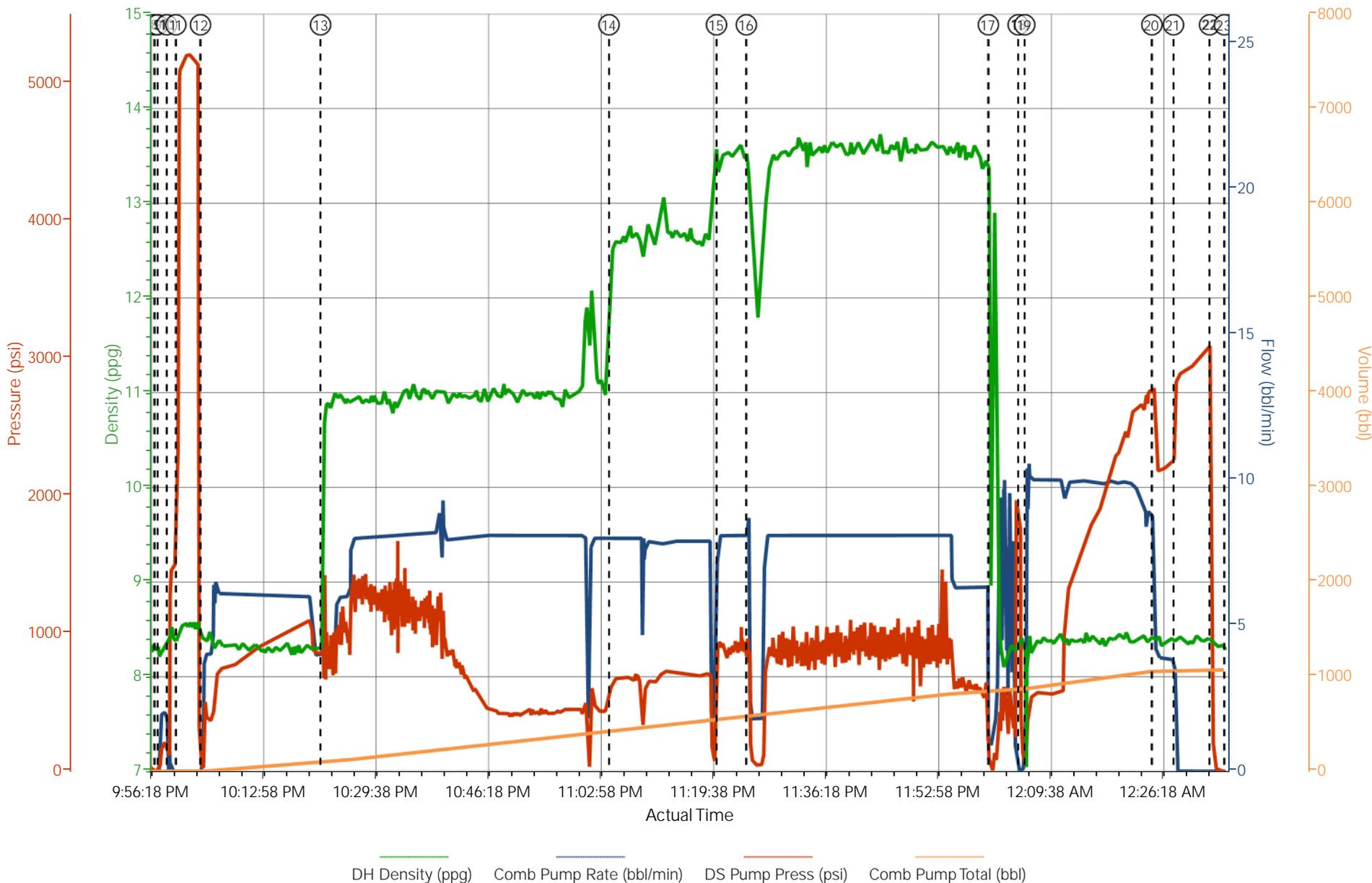
Well: RGU 333-26-198

Representative: RICK MORTIMER

Sales Order #: 901980714

ELITE #4: J. CASTILLO / PAUL SALAZAR

WPX ENERGY RGU 333-26-198 PRODUCTION



HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: JAVIER CASTILLO
Attention: Chuck Ross
Lease: RGU
Well #: 333-26-198

Date: 1/4/2015
Date Rec.: 1/4/2015
S.O.#: 901980714
Job Type: PRODUCTION

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7
Potassium (K)	<i>5000</i>	200 Mg / L
Calcium (Ca)	<i>500</i>	120 Mg / L
Iron (FE2)	<i>300</i>	0 Mg / L
Chlorides (Cl)	<i>3000</i>	0 Mg / L
Sulfates (SO ₄)	<i>1500</i>	200 Mg / L
Chlorine (Cl ₂)		0 Mg / L
Temp	<i>40-80</i>	65 Deg
Total Dissolved Solids		950 Mg / L

Respectfully: JAVIER CASTILLO

Title: CEMENTING SUPERVISOR

Location: Grand Junction, CO

NOTICE:

This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report or its

Sales Order #: 0901980714	Line Item: 10	Survey Conducted Date: 1/5/2015
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT PRODUCTION CASING BOM
Customer Representative: RICK MORTIMER		API / UWI: (leave blank if unknown) 05-103-11988-00
Well Name: FEDERAL		Well Number: 0080129296
Well Type: DIRECTIONAL GAS	Well Country: USA	
H2S Present: No	Well State: COLORADO	Well County: RIO BLANCO

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

CUSTOMER SATISFACTION SURVEY

CATEGORY	CUSTOMER SATISFACTION RESPONSE	
Survey Conducted Date	The date the survey was conducted	1/5/2015
Survey Interviewer	The survey interviewer is the person who initiated the survey.	HB85312
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	RICK MORTIMER
HSE	Was our HSE performance satisfactory? Circle Y or N	Yes
Equipment	Were you satisfied with our Equipment? Circle Y or N	Yes
Personnel	Were you satisfied with our people? Circle Y or N	Yes
Customer Comment	Customer's Comment	

CUSTOMER SIGNATURE

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KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	1/5/2015
The date the survey was conducted	

Cementing KPI Survey	
Type of Job	0
Select the type of job. (Cementing or Non-Cementing)	
Select the Maximum Deviation range for this Job	Vertical
What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	
Total Operating Time (hours)	11
Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	
HSE Incident, Accident, Injury	No
HSE Incident, Accident, Injury. This should be recordable incidents only.	
Was the job purpose achieved?	Yes
Was the job delivered correctly as per customer agreed design?	
Operating Hours (Pumping Hours)	3
Total number of hours pumping fluid on this job. Enter in decimal format.	
Customer Non-Productive Rig Time (hrs)	0
Lost time due to Halliburton in the start, execution, or completion of an ordered service or product, or delays in a follow-on service. Enter in decimal format. 0 if none.	
Type of Rig Classification Job Was Performed	Drilling Rig (Portable)
Type Of Rig (classification) Job Was Performed On	
Number Of JSAs Performed	5
Number Of Jsas Performed	
Number of Unplanned Shutdowns	1
Unplanned shutdown is when injection stops for any period of time.	
Reason For Unplanned Shutdown	POOR PRODUCT DELIVERY

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Customer Representative: RICK MORTIMER		API / UWI: (leave blank if unknown) 05-103-11988-00
Well Name: FEDERAL		Well Number: 0080129296
Well Type: DIRECTIONAL GAS	Well Country: USA	
H2S Present: No	Well State: COLORADO	Well County: RIO BLANCO

Reason For Unplanned Shutdowns (after Starting To Pump)	
Was this a Primary Cement Job (Yes / No) Primary Cement Job= Casing job, Liner job, or Tie-back job.	Yes
Did We Run Wiper Plugs? Did We Run Top And Bottom Casing Wiper Plugs?	Top
Mixing Density of Job Stayed in Designed Density Range (0-100%) Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100	90
Was Automated Density Control Used? Was Automated Density Control (ADC) Used ?	Yes
Pump Rate (percent) of Job Stayed At Designed Pump Rate Pump Rate range defined as +/- 1bbl/min. Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of fluid pumped, multiplied by 100	90
Nbr of Remedial Sqz Jobs Rqd - Competition Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition	0
Nbr of Remedial Plug Jobs Rqd - HES Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES	0
Nbr of Remedial Sqz Jobs Rqd - HES Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES	0